

Biotech-based Aroma Ingredients Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/B6E9457E3206EN.html>

Date: February 2022

Pages: 125

Price: US\$ 3,250.00 (Single User License)

ID: B6E9457E3206EN

Abstracts

This report contains market size and forecasts of Biotech-based Aroma Ingredients in global, including the following market information:

Global Biotech-based Aroma Ingredients Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Biotech-based Aroma Ingredients Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five Biotech-based Aroma Ingredients companies in 2021 (%)

The global Biotech-based Aroma Ingredients market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Vanillin Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Biotech-based Aroma Ingredients include BASF, Givaudan SA, Firmenich, Symrise, Kunshan Asia Aroma Corp, Mane SA, Solvay, Synergy Flavors and Shank's Extracts, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Biotech-based Aroma Ingredients manufacturers, suppliers, distributors and industry experts on this industry,

involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Biotech-based Aroma Ingredients Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Biotech-based Aroma Ingredients Market Segment Percentages, by Type, 2021 (%)

Vanillin

Nootkatone

Others

Global Biotech-based Aroma Ingredients Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Biotech-based Aroma Ingredients Market Segment Percentages, by Application, 2021 (%)

Fine Fragrances

Toiletries

Cosmetics

Global Biotech-based Aroma Ingredients Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Biotech-based Aroma Ingredients Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Biotech-based Aroma Ingredients revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Biotech-based Aroma Ingredients revenues share in global market, 2021 (%)

Key companies Biotech-based Aroma Ingredients sales in global market, 2017-2022 (Estimated), (Kiloton)

Key companies Biotech-based Aroma Ingredients sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

BASF

Givaudan SA

Firmenich

Symrise

Kunshan Asia Aroma Corp

Mane SA

Solvay

Synergy Flavors

Shank's Extracts

Nielsen-Massey Vanilla

Lesaffre

Fujian Zhiyuan Biochemical

Apple Flavor and Fragrance

IFF

Xiamen Caogenlan Industry

Aurochemicals

Xiamen Oamic Biotech

Advanced Biotech

De Monchy Aromatics

Axxence Aromatic GmbH

Comax Flavors

Moellhausen S.p.A

Berje

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Biotech-based Aroma Ingredients Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Biotech-based Aroma Ingredients Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL BIOTECH-BASED AROMA INGREDIENTS OVERALL MARKET SIZE

- 2.1 Global Biotech-based Aroma Ingredients Market Size: 2021 VS 2028
- 2.2 Global Biotech-based Aroma Ingredients Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Biotech-based Aroma Ingredients Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Biotech-based Aroma Ingredients Players in Global Market
- 3.2 Top Global Biotech-based Aroma Ingredients Companies Ranked by Revenue
- 3.3 Global Biotech-based Aroma Ingredients Revenue by Companies
- 3.4 Global Biotech-based Aroma Ingredients Sales by Companies
- 3.5 Global Biotech-based Aroma Ingredients Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Biotech-based Aroma Ingredients Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Biotech-based Aroma Ingredients Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Biotech-based Aroma Ingredients Players in Global Market
 - 3.8.1 List of Global Tier 1 Biotech-based Aroma Ingredients Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Biotech-based Aroma Ingredients Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Biotech-based Aroma Ingredients Market Size Markets, 2021 & 2028

4.1.2 Vanillin

4.1.3 Nootkatone

4.1.4 Others

4.2 By Type - Global Biotech-based Aroma Ingredients Revenue & Forecasts

4.2.1 By Type - Global Biotech-based Aroma Ingredients Revenue, 2017-2022

4.2.2 By Type - Global Biotech-based Aroma Ingredients Revenue, 2023-2028

4.2.3 By Type - Global Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

4.3 By Type - Global Biotech-based Aroma Ingredients Sales & Forecasts

4.3.1 By Type - Global Biotech-based Aroma Ingredients Sales, 2017-2022

4.3.2 By Type - Global Biotech-based Aroma Ingredients Sales, 2023-2028

4.3.3 By Type - Global Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

4.4 By Type - Global Biotech-based Aroma Ingredients Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Biotech-based Aroma Ingredients Market Size, 2021 & 2028

5.1.2 Fine Fragrances

5.1.3 Toiletries

5.1.4 Cosmetics

5.2 By Application - Global Biotech-based Aroma Ingredients Revenue & Forecasts

5.2.1 By Application - Global Biotech-based Aroma Ingredients Revenue, 2017-2022

5.2.2 By Application - Global Biotech-based Aroma Ingredients Revenue, 2023-2028

5.2.3 By Application - Global Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

5.3 By Application - Global Biotech-based Aroma Ingredients Sales & Forecasts

5.3.1 By Application - Global Biotech-based Aroma Ingredients Sales, 2017-2022

5.3.2 By Application - Global Biotech-based Aroma Ingredients Sales, 2023-2028

5.3.3 By Application - Global Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

5.4 By Application - Global Biotech-based Aroma Ingredients Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Biotech-based Aroma Ingredients Market Size, 2021 & 2028

6.2 By Region - Global Biotech-based Aroma Ingredients Revenue & Forecasts

6.2.1 By Region - Global Biotech-based Aroma Ingredients Revenue, 2017-2022

6.2.2 By Region - Global Biotech-based Aroma Ingredients Revenue, 2023-2028

6.2.3 By Region - Global Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

6.3 By Region - Global Biotech-based Aroma Ingredients Sales & Forecasts

6.3.1 By Region - Global Biotech-based Aroma Ingredients Sales, 2017-2022

6.3.2 By Region - Global Biotech-based Aroma Ingredients Sales, 2023-2028

6.3.3 By Region - Global Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Biotech-based Aroma Ingredients Revenue, 2017-2028

6.4.2 By Country - North America Biotech-based Aroma Ingredients Sales, 2017-2028

6.4.3 US Biotech-based Aroma Ingredients Market Size, 2017-2028

6.4.4 Canada Biotech-based Aroma Ingredients Market Size, 2017-2028

6.4.5 Mexico Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Biotech-based Aroma Ingredients Revenue, 2017-2028

6.5.2 By Country - Europe Biotech-based Aroma Ingredients Sales, 2017-2028

6.5.3 Germany Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5.4 France Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5.5 U.K. Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5.6 Italy Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5.7 Russia Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5.8 Nordic Countries Biotech-based Aroma Ingredients Market Size, 2017-2028

6.5.9 Benelux Biotech-based Aroma Ingredients Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Biotech-based Aroma Ingredients Revenue, 2017-2028

6.6.2 By Region - Asia Biotech-based Aroma Ingredients Sales, 2017-2028

6.6.3 China Biotech-based Aroma Ingredients Market Size, 2017-2028

6.6.4 Japan Biotech-based Aroma Ingredients Market Size, 2017-2028

6.6.5 South Korea Biotech-based Aroma Ingredients Market Size, 2017-2028

6.6.6 Southeast Asia Biotech-based Aroma Ingredients Market Size, 2017-2028

6.6.7 India Biotech-based Aroma Ingredients Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Biotech-based Aroma Ingredients Revenue, 2017-2028

6.7.2 By Country - South America Biotech-based Aroma Ingredients Sales, 2017-2028

6.7.3 Brazil Biotech-based Aroma Ingredients Market Size, 2017-2028

6.7.4 Argentina Biotech-based Aroma Ingredients Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Biotech-based Aroma Ingredients Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Biotech-based Aroma Ingredients Sales, 2017-2028

6.8.3 Turkey Biotech-based Aroma Ingredients Market Size, 2017-2028

6.8.4 Israel Biotech-based Aroma Ingredients Market Size, 2017-2028

6.8.5 Saudi Arabia Biotech-based Aroma Ingredients Market Size, 2017-2028

6.8.6 UAE Biotech-based Aroma Ingredients Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 BASF

7.1.1 BASF Corporate Summary

7.1.2 BASF Business Overview

7.1.3 BASF Biotech-based Aroma Ingredients Major Product Offerings

7.1.4 BASF Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.1.5 BASF Key News

7.2 Givaudan SA

7.2.1 Givaudan SA Corporate Summary

7.2.2 Givaudan SA Business Overview

7.2.3 Givaudan SA Biotech-based Aroma Ingredients Major Product Offerings

7.2.4 Givaudan SA Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.2.5 Givaudan SA Key News

7.3 Firmenich

7.3.1 Firmenich Corporate Summary

7.3.2 Firmenich Business Overview

7.3.3 Firmenich Biotech-based Aroma Ingredients Major Product Offerings

7.3.4 Firmenich Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.3.5 Firmenich Key News

7.4 Symrise

7.4.1 Symrise Corporate Summary

7.4.2 Symrise Business Overview

7.4.3 Symrise Biotech-based Aroma Ingredients Major Product Offerings

7.4.4 Symrise Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.4.5 Symrise Key News

7.5 Kunshan Asia Aroma Corp

7.5.1 Kunshan Asia Aroma Corp Corporate Summary

7.5.2 Kunshan Asia Aroma Corp Business Overview

7.5.3 Kunshan Asia Aroma Corp Biotech-based Aroma Ingredients Major Product Offerings

7.5.4 Kunshan Asia Aroma Corp Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.5.5 Kunshan Asia Aroma Corp Key News

7.6 Mane SA

7.6.1 Mane SA Corporate Summary

7.6.2 Mane SA Business Overview

7.6.3 Mane SA Biotech-based Aroma Ingredients Major Product Offerings

7.6.4 Mane SA Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.6.5 Mane SA Key News

7.7 Solvay

7.7.1 Solvay Corporate Summary

7.7.2 Solvay Business Overview

7.7.3 Solvay Biotech-based Aroma Ingredients Major Product Offerings

7.7.4 Solvay Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.7.5 Solvay Key News

7.8 Synergy Flavors

7.8.1 Synergy Flavors Corporate Summary

7.8.2 Synergy Flavors Business Overview

7.8.3 Synergy Flavors Biotech-based Aroma Ingredients Major Product Offerings

7.8.4 Synergy Flavors Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.8.5 Synergy Flavors Key News

7.9 Shank's Extracts

7.9.1 Shank's Extracts Corporate Summary

7.9.2 Shank's Extracts Business Overview

- 7.9.3 Shank's Extracts Biotech-based Aroma Ingredients Major Product Offerings
- 7.9.4 Shank's Extracts Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
- 7.9.5 Shank's Extracts Key News
- 7.10 Nielsen-Massey Vanilla
 - 7.10.1 Nielsen-Massey Vanilla Corporate Summary
 - 7.10.2 Nielsen-Massey Vanilla Business Overview
 - 7.10.3 Nielsen-Massey Vanilla Biotech-based Aroma Ingredients Major Product Offerings
 - 7.10.4 Nielsen-Massey Vanilla Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.10.5 Nielsen-Massey Vanilla Key News
- 7.11 Lesaffre
 - 7.11.1 Lesaffre Corporate Summary
 - 7.11.2 Lesaffre Biotech-based Aroma Ingredients Business Overview
 - 7.11.3 Lesaffre Biotech-based Aroma Ingredients Major Product Offerings
 - 7.11.4 Lesaffre Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.11.5 Lesaffre Key News
- 7.12 Fujian Zhiyuan Biochemical
 - 7.12.1 Fujian Zhiyuan Biochemical Corporate Summary
 - 7.12.2 Fujian Zhiyuan Biochemical Biotech-based Aroma Ingredients Business Overview
 - 7.12.3 Fujian Zhiyuan Biochemical Biotech-based Aroma Ingredients Major Product Offerings
 - 7.12.4 Fujian Zhiyuan Biochemical Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.12.5 Fujian Zhiyuan Biochemical Key News
- 7.13 Apple Flavor and Fragrance
 - 7.13.1 Apple Flavor and Fragrance Corporate Summary
 - 7.13.2 Apple Flavor and Fragrance Biotech-based Aroma Ingredients Business Overview
 - 7.13.3 Apple Flavor and Fragrance Biotech-based Aroma Ingredients Major Product Offerings
 - 7.13.4 Apple Flavor and Fragrance Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.13.5 Apple Flavor and Fragrance Key News
- 7.14 IFF
 - 7.14.1 IFF Corporate Summary

- 7.14.2 IFF Business Overview
- 7.14.3 IFF Biotech-based Aroma Ingredients Major Product Offerings
- 7.14.4 IFF Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
- 7.14.5 IFF Key News
- 7.15 Xiamen Caogenlan Industry
 - 7.15.1 Xiamen Caogenlan Industry Corporate Summary
 - 7.15.2 Xiamen Caogenlan Industry Business Overview
 - 7.15.3 Xiamen Caogenlan Industry Biotech-based Aroma Ingredients Major Product Offerings
 - 7.15.4 Xiamen Caogenlan Industry Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.15.5 Xiamen Caogenlan Industry Key News
- 7.16 Aurochemicals
 - 7.16.1 Aurochemicals Corporate Summary
 - 7.16.2 Aurochemicals Business Overview
 - 7.16.3 Aurochemicals Biotech-based Aroma Ingredients Major Product Offerings
 - 7.16.4 Aurochemicals Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.16.5 Aurochemicals Key News
- 7.17 Xiamen Oamic Biotech
 - 7.17.1 Xiamen Oamic Biotech Corporate Summary
 - 7.17.2 Xiamen Oamic Biotech Business Overview
 - 7.17.3 Xiamen Oamic Biotech Biotech-based Aroma Ingredients Major Product Offerings
 - 7.17.4 Xiamen Oamic Biotech Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.17.5 Xiamen Oamic Biotech Key News
- 7.18 Advanced Biotech
 - 7.18.1 Advanced Biotech Corporate Summary
 - 7.18.2 Advanced Biotech Business Overview
 - 7.18.3 Advanced Biotech Biotech-based Aroma Ingredients Major Product Offerings
 - 7.18.4 Advanced Biotech Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)
 - 7.18.5 Advanced Biotech Key News
- 7.19 De Monchy Aromatics
 - 7.19.1 De Monchy Aromatics Corporate Summary
 - 7.19.2 De Monchy Aromatics Business Overview
 - 7.19.3 De Monchy Aromatics Biotech-based Aroma Ingredients Major Product

Offerings

7.19.4 De Monchy Aromatics Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.19.5 De Monchy Aromatics Key News

7.20 Axxence Aromatic GmbH

7.20.1 Axxence Aromatic GmbH Corporate Summary

7.20.2 Axxence Aromatic GmbH Business Overview

7.20.3 Axxence Aromatic GmbH Biotech-based Aroma Ingredients Major Product

Offerings

7.20.4 Axxence Aromatic GmbH Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.20.5 Axxence Aromatic GmbH Key News

7.21 Comax Flavors

7.21.1 Comax Flavors Corporate Summary

7.21.2 Comax Flavors Business Overview

7.21.3 Comax Flavors Biotech-based Aroma Ingredients Major Product Offerings

7.21.4 Comax Flavors Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.21.5 Comax Flavors Key News

7.22 Moellhausen S.p.A

7.22.1 Moellhausen S.p.A Corporate Summary

7.22.2 Moellhausen S.p.A Business Overview

7.22.3 Moellhausen S.p.A Biotech-based Aroma Ingredients Major Product Offerings

7.22.4 Moellhausen S.p.A Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.22.5 Moellhausen S.p.A Key News

7.23 Berje

7.23.1 Berje Corporate Summary

7.23.2 Berje Business Overview

7.23.3 Berje Biotech-based Aroma Ingredients Major Product Offerings

7.23.4 Berje Biotech-based Aroma Ingredients Sales and Revenue in Global (2017-2022)

7.23.5 Berje Key News

8 GLOBAL BIOTECH-BASED AROMA INGREDIENTS PRODUCTION CAPACITY, ANALYSIS

8.1 Global Biotech-based Aroma Ingredients Production Capacity, 2017-2028

8.2 Biotech-based Aroma Ingredients Production Capacity of Key Manufacturers in

Global Market

8.3 Global Biotech-based Aroma Ingredients Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 BIOTECH-BASED AROMA INGREDIENTS SUPPLY CHAIN ANALYSIS

10.1 Biotech-based Aroma Ingredients Industry Value Chain

10.2 Biotech-based Aroma Ingredients Upstream Market

10.3 Biotech-based Aroma Ingredients Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Biotech-based Aroma Ingredients Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Biotech-based Aroma Ingredients in Global Market

Table 2. Top Biotech-based Aroma Ingredients Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Biotech-based Aroma Ingredients Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Biotech-based Aroma Ingredients Revenue Share by Companies, 2017-2022

Table 5. Global Biotech-based Aroma Ingredients Sales by Companies, (Kiloton), 2017-2022

Table 6. Global Biotech-based Aroma Ingredients Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Biotech-based Aroma Ingredients Price (2017-2022) & (US\$/Ton)

Table 8. Global Manufacturers Biotech-based Aroma Ingredients Product Type

Table 9. List of Global Tier 1 Biotech-based Aroma Ingredients Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Biotech-based Aroma Ingredients Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Biotech-based Aroma Ingredients Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Biotech-based Aroma Ingredients Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Biotech-based Aroma Ingredients Sales (Kiloton), 2017-2022

Table 15. By Type - Global Biotech-based Aroma Ingredients Sales (Kiloton), 2023-2028

Table 16. By Application – Global Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Biotech-based Aroma Ingredients Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Biotech-based Aroma Ingredients Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Biotech-based Aroma Ingredients Sales (Kiloton),

2017-2022

Table 20. By Application - Global Biotech-based Aroma Ingredients Sales (Kiloton), 2023-2028

Table 21. By Region – Global Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Biotech-based Aroma Ingredients Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Biotech-based Aroma Ingredients Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Biotech-based Aroma Ingredients Sales (Kiloton), 2017-2022

Table 25. By Region - Global Biotech-based Aroma Ingredients Sales (Kiloton), 2023-2028

Table 26. By Country - North America Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Biotech-based Aroma Ingredients Sales, (Kiloton), 2017-2022

Table 29. By Country - North America Biotech-based Aroma Ingredients Sales, (Kiloton), 2023-2028

Table 30. By Country - Europe Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Biotech-based Aroma Ingredients Sales, (Kiloton), 2017-2022

Table 33. By Country - Europe Biotech-based Aroma Ingredients Sales, (Kiloton), 2023-2028

Table 34. By Region - Asia Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Biotech-based Aroma Ingredients Sales, (Kiloton), 2017-2022

Table 37. By Region - Asia Biotech-based Aroma Ingredients Sales, (Kiloton), 2023-2028

Table 38. By Country - South America Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Biotech-based Aroma Ingredients Sales, (Kiloton), 2017-2022

Table 41. By Country - South America Biotech-based Aroma Ingredients Sales, (Kiloton), 2023-2028

Table 42. By Country - Middle East & Africa Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Biotech-based Aroma Ingredients Sales, (Kiloton), 2017-2022

Table 45. By Country - Middle East & Africa Biotech-based Aroma Ingredients Sales, (Kiloton), 2023-2028

Table 46. BASF Corporate Summary

Table 47. BASF Biotech-based Aroma Ingredients Product Offerings

Table 48. BASF Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 49. Givaudan SA Corporate Summary

Table 50. Givaudan SA Biotech-based Aroma Ingredients Product Offerings

Table 51. Givaudan SA Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 52. Firmenich Corporate Summary

Table 53. Firmenich Biotech-based Aroma Ingredients Product Offerings

Table 54. Firmenich Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 55. Symrise Corporate Summary

Table 56. Symrise Biotech-based Aroma Ingredients Product Offerings

Table 57. Symrise Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 58. Kunshan Asia Aroma Corp Corporate Summary

Table 59. Kunshan Asia Aroma Corp Biotech-based Aroma Ingredients Product Offerings

Table 60. Kunshan Asia Aroma Corp Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 61. Mane SA Corporate Summary

Table 62. Mane SA Biotech-based Aroma Ingredients Product Offerings

Table 63. Mane SA Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 64. Solvay Corporate Summary

Table 65. Solvay Biotech-based Aroma Ingredients Product Offerings

Table 66. Solvay Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 67. Synergy Flavors Corporate Summary

Table 68. Synergy Flavors Biotech-based Aroma Ingredients Product Offerings

Table 69. Synergy Flavors Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 70. Shank's Extracts Corporate Summary

Table 71. Shank's Extracts Biotech-based Aroma Ingredients Product Offerings

Table 72. Shank's Extracts Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 73. Nielsen-Massey Vanilla Corporate Summary

Table 74. Nielsen-Massey Vanilla Biotech-based Aroma Ingredients Product Offerings

Table 75. Nielsen-Massey Vanilla Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 76. Lesaffre Corporate Summary

Table 77. Lesaffre Biotech-based Aroma Ingredients Product Offerings

Table 78. Lesaffre Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 79. Fujian Zhiyuan Biochemical Corporate Summary

Table 80. Fujian Zhiyuan Biochemical Biotech-based Aroma Ingredients Product Offerings

Table 81. Fujian Zhiyuan Biochemical Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 82. Apple Flavor and Fragrance Corporate Summary

Table 83. Apple Flavor and Fragrance Biotech-based Aroma Ingredients Product Offerings

Table 84. Apple Flavor and Fragrance Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 85. IFF Corporate Summary

Table 86. IFF Biotech-based Aroma Ingredients Product Offerings

Table 87. IFF Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 88. Xiamen Caogenlan Industry Corporate Summary

Table 89. Xiamen Caogenlan Industry Biotech-based Aroma Ingredients Product Offerings

Table 90. Xiamen Caogenlan Industry Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 91. Aurochemicals Corporate Summary
Table 92. Aurochemicals Biotech-based Aroma Ingredients Product Offerings
Table 93. Aurochemicals Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 94. Xiamen Oamic Biotech Corporate Summary
Table 95. Xiamen Oamic Biotech Biotech-based Aroma Ingredients Product Offerings
Table 96. Xiamen Oamic Biotech Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 97. Advanced Biotech Corporate Summary
Table 98. Advanced Biotech Biotech-based Aroma Ingredients Product Offerings
Table 99. Advanced Biotech Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 100. De Monchy Aromatics Corporate Summary
Table 101. De Monchy Aromatics Biotech-based Aroma Ingredients Product Offerings
Table 102. De Monchy Aromatics Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 103. Axxence Aromatic GmbH Corporate Summary
Table 104. Axxence Aromatic GmbH Biotech-based Aroma Ingredients Product Offerings
Table 105. Axxence Aromatic GmbH Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 106. Comax Flavors Corporate Summary
Table 107. Comax Flavors Biotech-based Aroma Ingredients Product Offerings
Table 108. Comax Flavors Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 109. Moellhausen S.p.A Corporate Summary
Table 110. Moellhausen S.p.A Biotech-based Aroma Ingredients Product Offerings
Table 111. Moellhausen S.p.A Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 112. Berje Corporate Summary
Table 113. Berje Biotech-based Aroma Ingredients Product Offerings
Table 114. Berje Biotech-based Aroma Ingredients Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)
Table 115. Biotech-based Aroma Ingredients Production Capacity (Kiloton) of Key Manufacturers in Global Market, 2020-2022 (Kiloton)
Table 116. Global Biotech-based Aroma Ingredients Capacity Market Share of Key Manufacturers, 2020-2022
Table 117. Global Biotech-based Aroma Ingredients Production by Region, 2017-2022 (Kiloton)

Table 118. Global Biotech-based Aroma Ingredients Production by Region, 2023-2028
(Kiloton)

Table 119. Biotech-based Aroma Ingredients Market Opportunities & Trends in Global Market

Table 120. Biotech-based Aroma Ingredients Market Drivers in Global Market

Table 121. Biotech-based Aroma Ingredients Market Restraints in Global Market

Table 122. Biotech-based Aroma Ingredients Raw Materials

Table 123. Biotech-based Aroma Ingredients Raw Materials Suppliers in Global Market

Table 124. Typical Biotech-based Aroma Ingredients Downstream

Table 125. Biotech-based Aroma Ingredients Downstream Clients in Global Market

Table 126. Biotech-based Aroma Ingredients Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

Figure 1. Biotech-based Aroma Ingredients Segment by Type

Figure 2. Biotech-based Aroma Ingredients Segment by Application

Figure 3. Global Biotech-based Aroma Ingredients Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Biotech-based Aroma Ingredients Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Biotech-based Aroma Ingredients Revenue, 2017-2028 (US\$, Mn)

Figure 7. Biotech-based Aroma Ingredients Sales in Global Market: 2017-2028 (Kiloton)

Figure 8. The Top 3 and 5 Players Market Share by Biotech-based Aroma Ingredients Revenue in 2021

Figure 9. By Type - Global Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 10. By Type - Global Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 11. By Type - Global Biotech-based Aroma Ingredients Price (US\$/Ton), 2017-2028

Figure 12. By Application - Global Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 13. By Application - Global Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 14. By Application - Global Biotech-based Aroma Ingredients Price (US\$/Ton), 2017-2028

Figure 15. By Region - Global Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 16. By Region - Global Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 17. By Country - North America Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 18. By Country - North America Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 19. US Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 24. Germany Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 25. France Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 33. China Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 37. India Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 39. By Country - South America Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 40. Brazil Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Biotech-based Aroma Ingredients Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Biotech-based Aroma Ingredients Sales Market Share, 2017-2028

Figure 44. Turkey Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Biotech-based Aroma Ingredients Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Biotech-based Aroma Ingredients Production Capacity (Kiloton), 2017-2028

Figure 49. The Percentage of Production Biotech-based Aroma Ingredients by Region,

2021 VS 2028

Figure 50. Biotech-based Aroma Ingredients Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Biotech-based Aroma Ingredients Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/B6E9457E3206EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B6E9457E3206EN.html>